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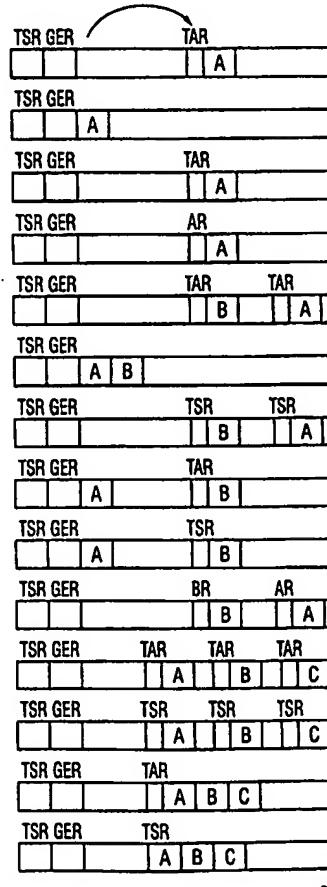
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(S4) Title: VECTOR FOR TISSUE-SPECIFIC REPLICATION AND GENE EXPRESSION

(57) Abstract

The invention generally relates to cell-specific expression vectors. It particularly relates to targeted gene therapy using recombinant expression vectors and particularly adenovirus vectors. The invention specifically relates to replication-conditional expression vectors and methods for using them. Such vectors are able to selectively replicate in a target cell or tissue to provide a therapeutic benefit in a tissue from the presence of the vector per se or from one or more heterologous gene products expressed from the vector and distributed throughout the tissue.



TSR = tissue specific regulatory sequence

GER = gene essential for replication

TAR = transactivatable regulatory sequence

AR, BR etc. = homologous promoter of gene A, B, etc.

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